

=> fil reg

FILE 'REGISTRY' ENTERED AT 12:52:28 ON 04 AUG 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 AUG 2005 HIGHEST RN 858181-56-3

DICTIONARY FILE UPDATES: 3 AUG 2005 HIGHEST RN 858181-56-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

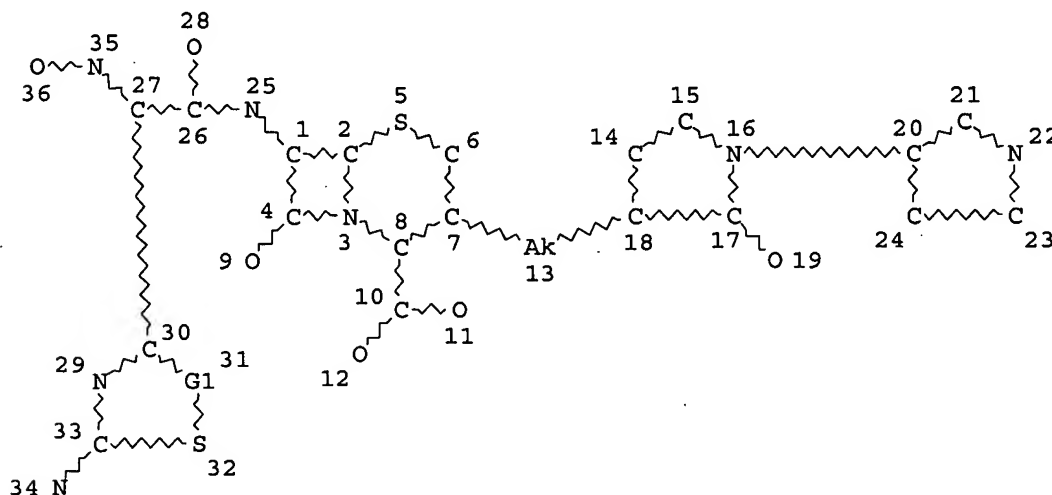
Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d sta que l8

L1 STR



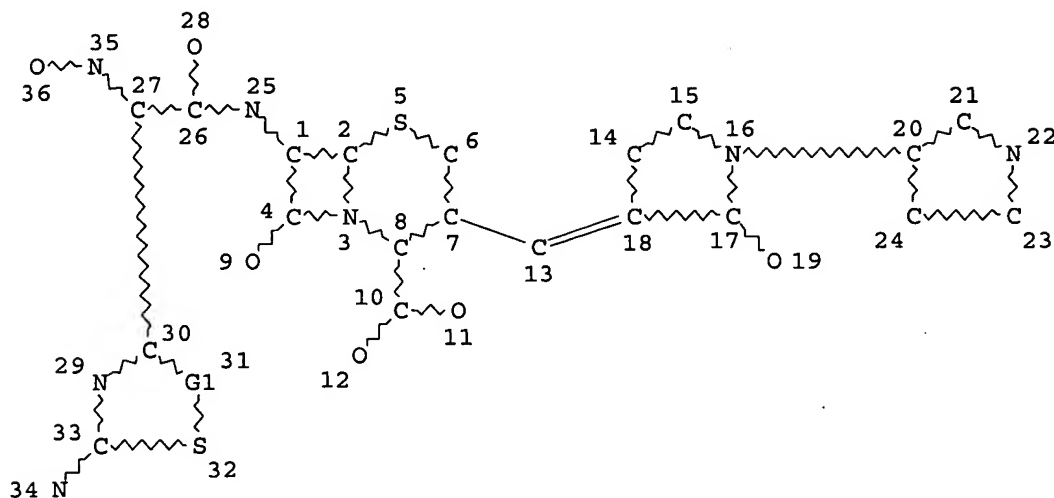
VAR G1=C/N

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 36

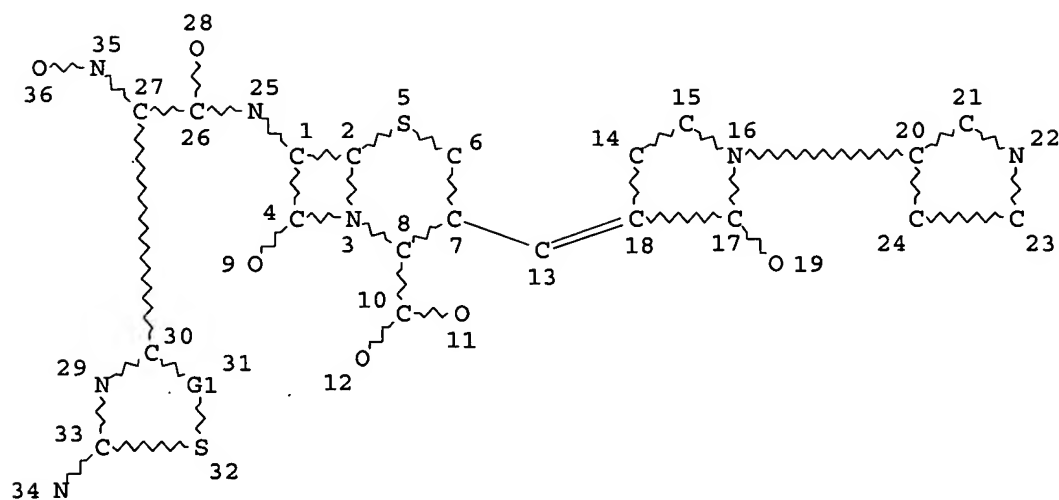
STEREO ATTRIBUTES: NONE  
 L3 96 SEA FILE=REGISTRY SSS FUL L1  
 L4 STR



VAR G1=C/N  
 NODE ATTRIBUTES:  
 CONNECT IS M1 RC AT 11  
 CONNECT IS M1 RC AT 22  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 36

STEREO ATTRIBUTES: NONE  
 L6 53 SEA FILE=REGISTRY SUB=L3 CSS FUL L4  
 L7 STR



VAR G1=C/N

NODE ATTRIBUTES:

CONNECT IS M1 RC AT 22

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 36

STEREO ATTRIBUTES: NONE

L8 25 SEA FILE=REGISTRY SUB=L6 CSS FUL L7

100.0% PROCESSED 53 ITERATIONS

25 ANSWERS

SEARCH TIME: 00.00.01

=> d his

(FILE 'HOME' ENTERED AT 12:36:22 ON 04 AUG 2005)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 12:36:46 ON 04 AUG 2005

L1 STR  
L2 0 S L1  
L3 96 S L1 FUL  
SAV L3 SHIAO743/A  
L4 STR L1  
L5 0 S L4 CSS SAM SUB=L3  
L6 53 S L4 CSS FUL SUB=L3  
SAV L6 SHIAO743A/A  
L7 STR L4  
L8 25 S L7 CSS FUL SUB=L6  
SAV L8 SHIAO743B/A

FILE 'HCAOLD' ENTERED AT 12:42:09 ON 04 AUG 2005

L9 0 S L8